

## ABSTRACT

Methods and systems consistent with the present invention solve the inherent problems with existing transport systems by providing a secured transport engine that enables a user to securely transport data to another user. A method of secure transport and storage on a network that adds to many of today's commonly used methods of Public Key Infrastructure (PKI), Internet Protocol Security (IPSEC), Digital Certificates and Certificate Authorities (CA) – and dramatically increases the security during transport, redundancy, reliability, while allowing for rapid distribution.

Secure transport can use many widely used protocols such as Ethernet and TCP/IP with slight modifications to allow for the re-direction of data instead of simply delivering data to its destination. This re-direction occurs because perhaps the requirement is not simply to transfer data back and forth between location A and B, but perhaps the requirement is to store data on the network, so at sometime in the future A or B could retrieve this data. Or perhaps A needs to send B some data, but sending that data straight to B is dangerous – along the way to B there are many opportunities for this data to be intercepted, so instead portions this data are routed though many different locations on the way to B.